

Technical sheet :

# **MI-X 25 D**

---



Technical characteristics			Metric
1.1	Manufacturer		MANITOU
1.2	Model Name		MI-X 25 D
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	2500 kg
1.6	Load centre of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	x	465 mm
1.9	Wheelbase	y	1600 mm
Weight			
2.1	Service weight		4000 kg
2.2	Weight on front axle (laden) / rear axle (laden)		5735 kg / 765 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1710 kg / 2290 kg
Wheels			
3.1	Tyres type		Inflatable
3.2	Dimensions of front wheels		7.00-12 12
3.3	Dimensions of rear wheels		6.00-9 10
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	965 mm
3.7	Rear wheel gauge	b11	973 mm
Dimensions			
4.1	Tilt of Mast Forward (deg) / Backward (deg)	$\alpha / \beta$	6 / 12
4.7	Height of overhead guard (cabin)	h6	2115 mm
4.8	Seat height/stand height	h7	1190 mm
4.12	Height of towing bar (coupling height)	h10	360 mm
4.19	Overall length	l1	3685 mm
4.20	Length to face of forks	l2	2535 mm
4.21	Overall width	b1	1155 mm
4.21	Overall width - Single wheels	b1	1155 mm
4.22	Forks section / width / length	s / e / l	40 mm x 122 mm / 1150 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		FEM 2A
4.24	Fork carriage width	b3	1038 mm
4.31	Ground clearance below mast	m1	115 mm
4.32	Ground clearance at centre of wheelbase	m2	175 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	3930 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	4130 mm
4.36	Internal turning radius (over tyres)	b13	145 mm
4.35	Turning radius	Wa	2265 mm
Performances			
5.1	Travel speed (laden / unladen)		18 km/h / 18.60 km/h
5.2	Lifting speed (laden / unladen)		0.47 m/s / 0.55 m/s
5.3	Lowering speed (laden / unladen)		0.50 m/s / 0.55 m/s
5.5	Drawbar pull (Laden / Unladen)		1730 daN / 1240 daN
5.7	Gradeability (laden / unladen)		20 % / 20 %
5.10	Service brake		Hydraulic
Engine			
7.1	Engine brand / model		Yanmar / 4TBV94L-BXPHZ
7.2	Engine power according to ISO 1585		35 kW
7.3	Rated speed		2400 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 3054 cm <sup>3</sup>
7.5	Fuel consumption according to VDI cycle		3.56 l/h
Miscellaneous			
8.2	Working hydraulic pressure for attachments		160 bar
8.3	Oil flow rate for attachments		69 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 84 dB(A)





Siège Social

430 rue de l'Aubinière - 44150 Ancenis Cedex - France

Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

[www.manitou.com](http://www.manitou.com)



This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes